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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	3
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Complete if Known

Application Number	10/774,619
Filing Date	02/09/2004
First Named Inventor	David A. Atwood
Group Art Unit	
Examiner Name	
Attorney Docket Number	434-263

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
YD	1	DAVID et al. Accelerated hydrolysis of industrial organophosphates in water and soil using sodium perborate. Environmental Pollution. Vol. 105. 1999. pp. 121-128	
	2	WEI et al. Chelated Borates: Synthesis, reactivity, and cation formation. Inorg. Chem. Vol. 37. 1998. pp. 4934-4938.	
	3	WEI et al. Synthesis and Structures of Salen-Supported Borates Containing Siloxides. Inorg. Chem. Vol. 38. 1999. pp. 3914-3918.	
	4	BROWN et al. An intramolecularly Stabilized Arylboron Dibromide. Heteroatom Chemistry. Vol. 9. No. 1. 1998. pp 79-83.	
	5	YANG et al. Chemical detoxification of Nerve Agent VX. Acc. Chem. Res. Vol. 32. 1999. pp. 109-115.	
	6	BLASKO et al. Recent Studies of Nucleophilic General-Acid, and Metal Ion Catalysis of Phosphate Diester Hydrolysis. Acc. Chem. res. Vol 32. 1999. pp. 475-484	
	7	OIVANEN et al. Kinetics and Mechanisms for the cleavage and Isomerization of the Phosphodiester bonds of RNA by bronsted acids and Bases. Chem. Rev. Vol. 98. 1998. pp. 961-990.	
	8	GAJDA et al. Highly efficient phosphodiester hydrolysis promoted by dinuclear copper (II) complex. Inorg. Chem. Vol. 40. 2001. pp. 4918-4927.	

**Examiner
Signature**

T. A - Solo 69

Date Considered

7-1-05

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Y/O	9	JONES et al. Enhanced base hydrolysis of coordinated phosphate esters: the reactivity of an unusual cobalt (III) amine dimer. J. Am. Chem. Soc. 1984. Vol. 106. pp. 7807-7819.	
	10	VANCE et al. Functional group convergency in a binuclear dephosphorylation reagent. J. Am. Chem. Soc. Vol. 115. 1993. pp. 12165-12166.	
	11	MCCUE et al. Hydrolysis of a model for the 5'-cap pf mRNA by dinuclear copper (II) and Zinc (II) Complexes. Rapid hydrolysis by four copper (II) ions. Inorg. Chem. Vol. 38. 1999. pp. 6136-6142.	
	12	SCRIMIN et al. Comparative reactivities of phosphate ester cleavages by metallomicelles. Langmuir. Vol. 12. 1996. pp. 6235-6241.	
	13	YAMAMI et al. Macrocyclic heterodinuclear ZnII/PbII complexes: synthesis, structures, and hydrolytic function toward Tris (p-nitrophenyl) phosphate. Inorg. Chem. 1998. Vol. 37. pp. 6832-6838.	
	14	KAMINSKAIA et al. Reactivity of u-hydroxodizinc (II) centers in enzymatic catalysis through model studies. Inorg. Chem. Vol. 39. 2000. pp. 3365-3373.	
	15	CHAPMAN et al. Selective hydrolysis of phosphate esters, nitrophenyl phosphates and UpU, by dimetric zinc complexes depends on the spacer length. J. Am. Chem. Soc. 1995. Vol. 117. pp. 5462-5469.	
	16	MOLENVELD et al. Highly efficient phosphate diester transesterification by a Calix [4] arene-based dinuclear zinc (II) catalyst. J. Am. Chem. Soc. Vol 119. 1997. pp. 2948-2949.	

Examiner Signature	T. A. Solo la	Date Considered	7-1-05
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YD	17	BENTON et al. The cleavage of ethers with boron bromide. I. Some common ether. J. Am/ Chem. Soc. Vol. 64. 1942. pp. 1128-1129.	
	18	KIM et al. Direct conversion of silyl ethers into alkyl bromides with boron tribromide. J. Org. Chem. Vol. 53. 1988. pp. 3111-3113.	
	19	BAZZICALUPI et al. Carboxy and diphosphate ester hydrolysis by a dizinc complex with a new alcohol-pendant macrocycle. Inorg. Chem. 1999.Vol. 38. pp. 4115-4122.	
	20	EMBER LOIS. EPA Destroying chemical arms:No easy task. C & EN. August 30, 1999. pp. 11-12	
✓	21	RANU et al. Dealkylation of ethers. A review. Organic preparations and procedures int. Vol. 28. No. 4. pp. 371-409.	

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